

CLAIMS

1. A method for allowing an application to retrieve data from participating applications sharing an information bus, comprising the steps of:
- connecting the application to the information bus as an event consumer;
 - identifying data within the application that is needed;
 - notifying the information bus of the data needed from other participating applications;
 - receiving notice of the data needed is available by data name from another participating application;
 - requesting the data by name via the information bus.

2. The method of claim 1 further comprising the step:
- generating an event listener to listen for event activity on the information bus.

3. The method according to claim 1 further comprising the steps of:
- changing the requested data after receipt;
 - announcing the data change to the registered application from which the data was originally obtained.

4. The method according to claim 1 wherein step d further comprises specifying the data name by way of a property.

5. The method according to claim 1 wherein step d further comprises specifying the data name by way of a parameter.

6. The method according to claim 1 further comprising:
- providing a view associated with the data needed.

7. The method according to claim 1 wherein the data is a Java Object.

1 ~~7.~~⁸ The method according to claim 1 further comprising the step
 2 j. providing descriptive and identifying information about the data.

1 ~~8.~~⁹ Apparatus for retrieving data across an information bus for use with an
 2 application, the data being retrieved from other application sharing the
 3 information bus, the apparatus comprising:
 4 data notification logic to notify the information bus of the need for a
 5 desired data element;
 6 data element retrieval logic to retrieve a requested data element from the
 7 information bus.

1 ~~9.~~¹⁰ The apparatus of claim 8 further comprising event listening logic to listen for bus
 2 events over the information bus.

1 ~~10.~~¹¹ The apparatus according to claim 8 further comprising data element managing
 2 logic configured to change the data within a data element and the data
 3 notification logic is configured to announce the data change across the
 4 information bus to the application from which the data element originated.

1 ~~11.~~¹² The apparatus according to claim 8 wherein the data element provides a view
 2 associated with the data item.

1 ~~12.~~¹³ The apparatus according to claim 8 wherein the data element is a Java Object.

1 ~~13.~~¹⁴ A computer program product for use within a computer system to provide an
 2 application with data retrieval capabilities from participating applications sharing
 3 an information bus, the computer program product comprising a computer usable
 4 medium having computer readable program code embodied on the medium for

- 1 ²¹ 20. The computer program product of claim 13 further comprising program code to
2 providing descriptive and identifying information about the data.

866222T" 46422260